

Trusted. Tested. Tough.®



SECTION: Z5.50.200

ZM3049

1021

Supersedes

1117

MAIL TO: P.O. BOX 16347 • Louisville, KY 40256-0347
 SHIP TO: 3649 Cane Run Road • Louisville, KY 40211-1961
 Tel: (502) 778-2731 • 1 (800) 928-PUMP

Visit our website:
 zoellerengineered.com

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.



X64 HD HAZARDOUS LOCATION SERIES

CLASS I, DIVISION 1, GROUP C & D

TECHNICAL DATA

25 - 60 BHP

4" & 6" Flanged Discharge Units

Models: X6424 - X6428



Tested to CSA Standard
 C22.2 No. 108

MODEL NUMBER:	<input type="checkbox"/> X6424	<input type="checkbox"/> X6425	<input type="checkbox"/> X6426	<input type="checkbox"/> X6427	<input type="checkbox"/> X6428
PUMP NAME PLATE HORSEPOWER: BHP	25.0	30.0	40.0	50.0	60.0
NEC LOCKED ROTOR CODE:	F	F	F	G	G
MAXIMUM KW INPUT:	21.1	25.2	33.5	40.9	51.4
IMPELLER DIAMETER: (4" / 6")	9-7/8" / 9-1/8"	10-3/8" / 9-1/2"	11-3/8" / 10-1/8"	12-1/8" / 10-5/8"	12-7/8" / 11"
SUBMERSION FOR CONTINUOUS RUN:	50"	50"	50"	54"	54"
PUMP WEIGHT: lbs.	705	730	780	1050	1100
DISCHARGE SIZE:	<input type="checkbox"/> 4" FLANGED HORIZONTAL		or	<input type="checkbox"/> 6" FLANGED HORIZONTAL	
PERFORMANCE CURVE:	<input type="checkbox"/> 4" DISCHARGE DESIGN - REF PAGE 2			<input type="checkbox"/> 6" DISCHARGE DESIGN - REF PAGE 3	

SOLID SIZE: in (mm)	4" - 3-1/8" (102 mm - 79 mm) 6" - 4" (152 mm - 102 mm)	TANDEM SEALS:	STANDARD
IMPELLER TYPE:	DUCTILE IRON- 2-VANE ENCLOSED	MOTOR DESIGN LETTER:	NEMA B
FLANGE:	ANSI B16.1 CLASS 125	CORD LENGTH: ft (m)	25' (7.6 m) <input type="checkbox"/> 50' (15.2 m)
MOTOR SHAFT:	416 SS	CORD:	Type SO
RPM:	1725	TEMPERATURE CODE:	T3C; T2A on Inverter power
MOTOR TYPE:	AIR-FILLED EXPLOSION-PROOF, 15 MINUTE RUN TIME IN AIR	STATOR & LEAD WIRES INSULATION:	CLASS F
	SUITABLE FOR INVERTER DUTY OPERATION	MAXIMUM STATOR TEMPERATURE:	311 °F / 155 °C
		MAXIMUM SUBMERGED DEPTH	160' (48.8 m)

SHAFT SEAL CONSTRUCTION:	Standard	CARBON/CERAMIC
	Optional	<input type="checkbox"/> UPPER <input type="checkbox"/> LOWER - SILICON CARBIDE/SILICON CARIBIDE
STANDARD SENSING DEVICES:	Motor thermal shutoff	THERMAL SENSORS WITH AUTOMATIC RESET
	Moisture detection	MOISTURE SENSING PROBES
WEAR RING	Standard	BRONZE (4" ONLY)
IMPELLER: SIZE, DESIGN POINT		IMPELLER DIA. _____", DESIGN POINT: _____ GPM @ _____' TDH
MAXIMUM WATER TEMPERATURE FOR CONTINUOUS OPERATIONS:		104 °F (40 °C)

MODELS	BHP	SERVICE FACTOR	<input type="checkbox"/> 230V / 3 PHASE		<input type="checkbox"/> 460V / 3 PHASE		<input type="checkbox"/> 575V / 3 PHASE	
			FLA	LRA	FLA	LRA	FLA	LRA
X6424	25.0	1.15	64.2	349	32.1	175	25.6	140
X6425	30.0	1.15	79.8	416	39.9	208	31.9	166
X6426	40.0	1.15	103	513	51.7	257	41.4	205
X6427	50.0	1.15	Not available		64.3	362	51.4	290
X6428	60.0	1.15	Not available		74.9	415	59.9	332

ENCLOSED IMPELLER

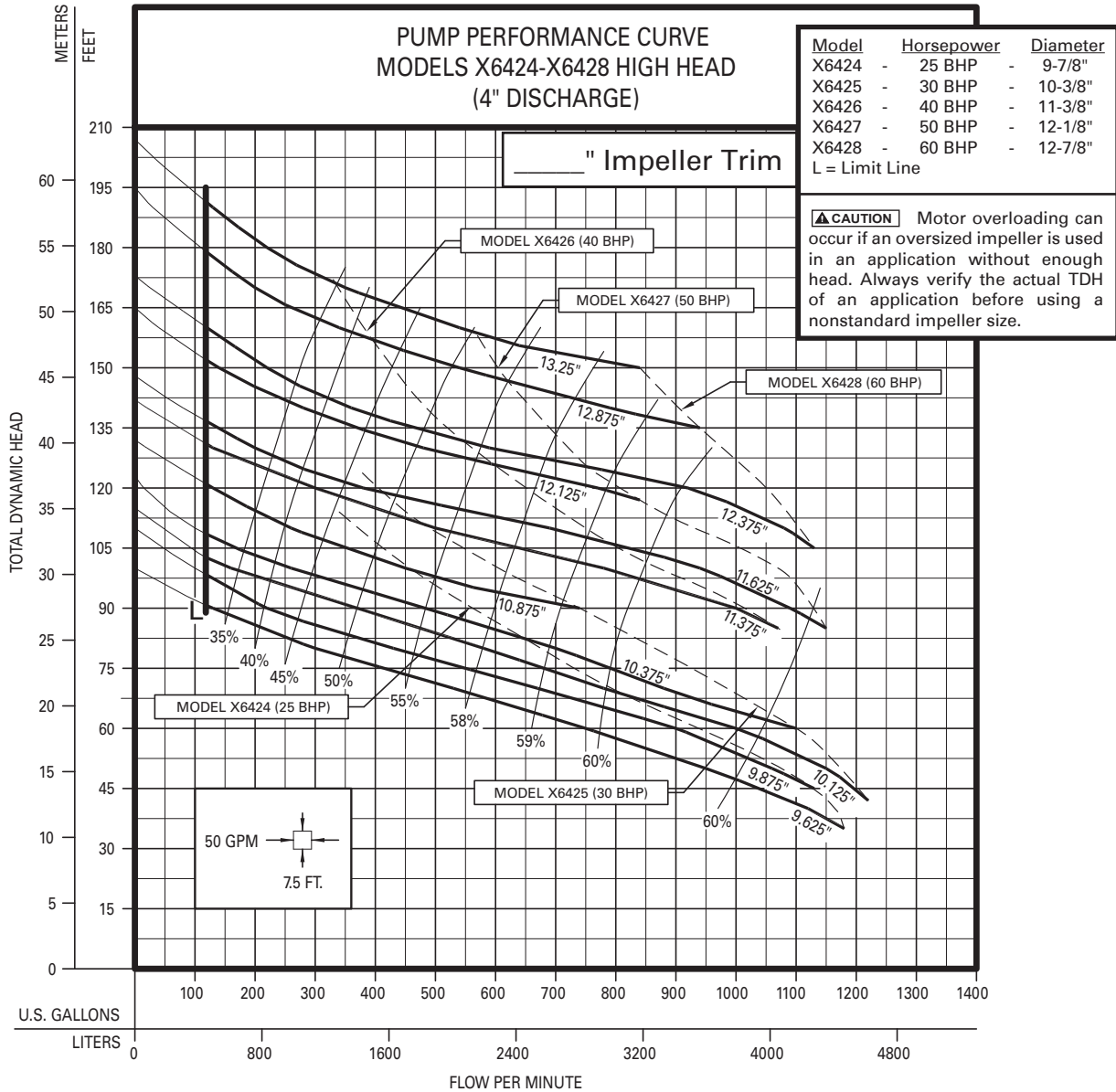
CLASS I, DIVISION 1, GROUPS C & D

PERFORMANCE DATA

25 - 60 BHP

4" Horizontal Discharge

3-1/8" Solids-Passing Capacity High Head Models



155025

Zoeller Engineered Products • 3649 Cane Run Road • Louisville, Kentucky 40211-1961 • (502) 778-2731

ENCLOSED IMPELLER

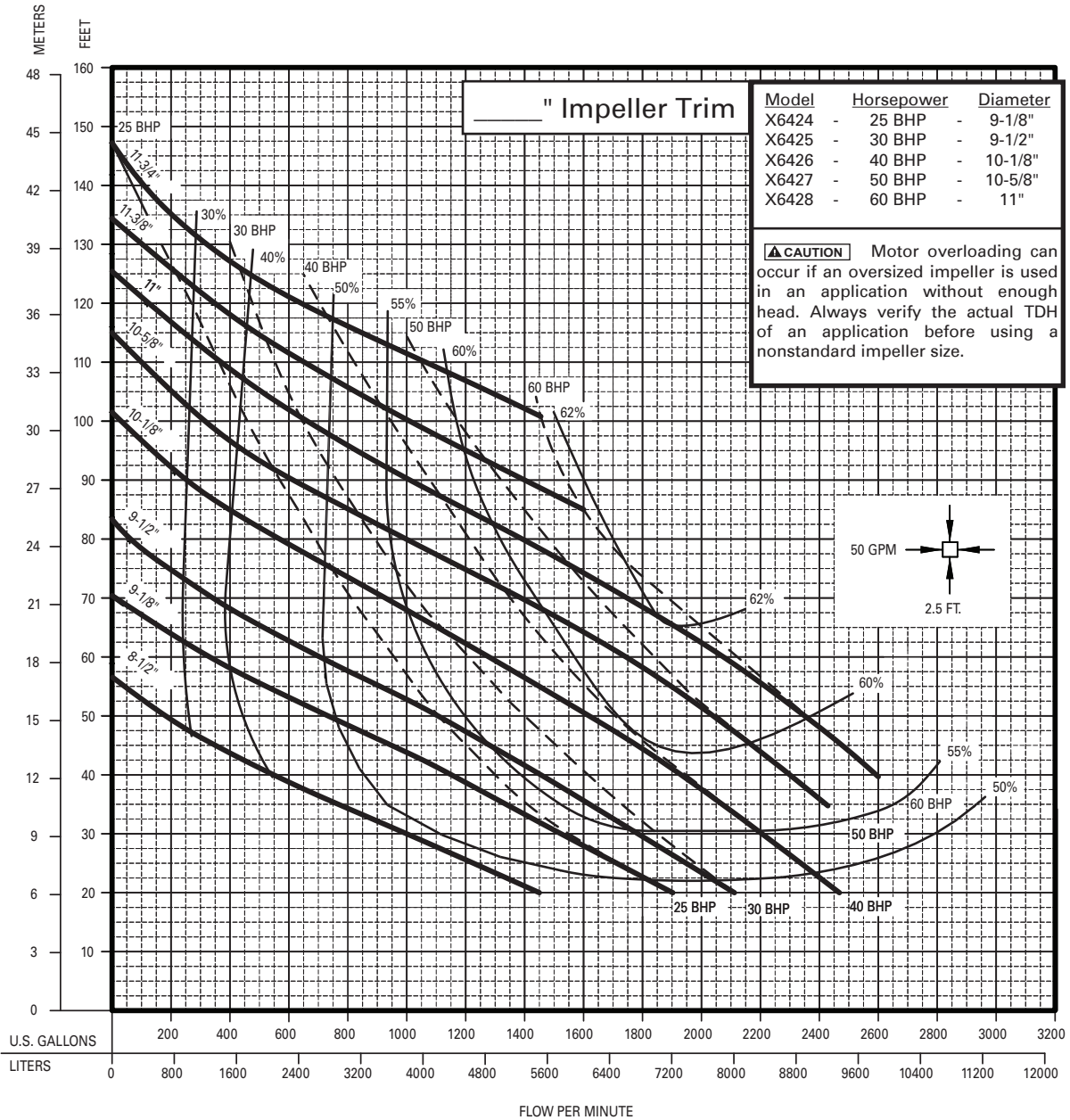
CLASS I, DIVISION 1, GROUPS C & D

PERFORMANCE DATA

25 - 60 BHP



6" Horizontal Discharge
 4" Solids-Passing Capacity High Flow Models



A00490

Zoeller Engineered Products • 3649 Cane Run Road • Louisville, Kentucky 40211-1961 • (502) 778-2731



MAIL TO: P.O. BOX 16347 • Louisville, KY 40256-0347
SHIP TO: 3649 Cane Run Road • Louisville, KY 40211-1961
Tel: (502) 778-2731 • 1 (800) 928-PUMP

Trusted. Tested. Tough.®

visit our web site:
zoellerengineered.com